Form 9-331 C
(May 1963)

SUBMIT IN T. CATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Natural Gas Corporation of California - 801-789-4573

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
710' FNL, 964' FWL, NW NW Section 29, T8S, R23E
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
U-36483

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-29

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T8S, R23E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
40 miles southeast of Vernal, UT

12. COUNTY OR PARISH: Uintah
13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
710'	1228.48	160
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
	10,600	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4909' GR.

22. APPROX. DATE WORK WILL START*
Upon receipt of approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# New	200'	250 sacks
12-1/4"	9-5/8"	36# K55 New	2500'	300 sacks
7-7/8"	4-1/2"	11.6# N80 New	TD	As required.

Operator proposes to drill well to approximately 10,600' to test the Mesaverde formation. 9-5/8", 36.0#, K-55 intermediate casing will be run and cemented to protect the oil shale section of the Green River formation. All water flows and significant hydrocarbon shows will be evaluated and reported. The well will be operated according to the attached well program and all applicable regulations. Adequate BOP equipment will be maintained at all times as indicated in the attached Pressure Control Specifications. If commercial production is encountered, 4-1/2", 11.6#, N-80 production casing will be run and cemented to adequately protect all potentially productive intervals. No abnormal pressures or temperatures or other potential hazards are anticipated.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 1/6/81
BY: CB Feight

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Wm Ryan W. A. Ryan TITLE Petroleum Engineer DATE December 26, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; EJGelwick; ERHenry; CTClark

RECEIVED
DEC 30 1980
DIVISION OF
OIL, GAS & MINING

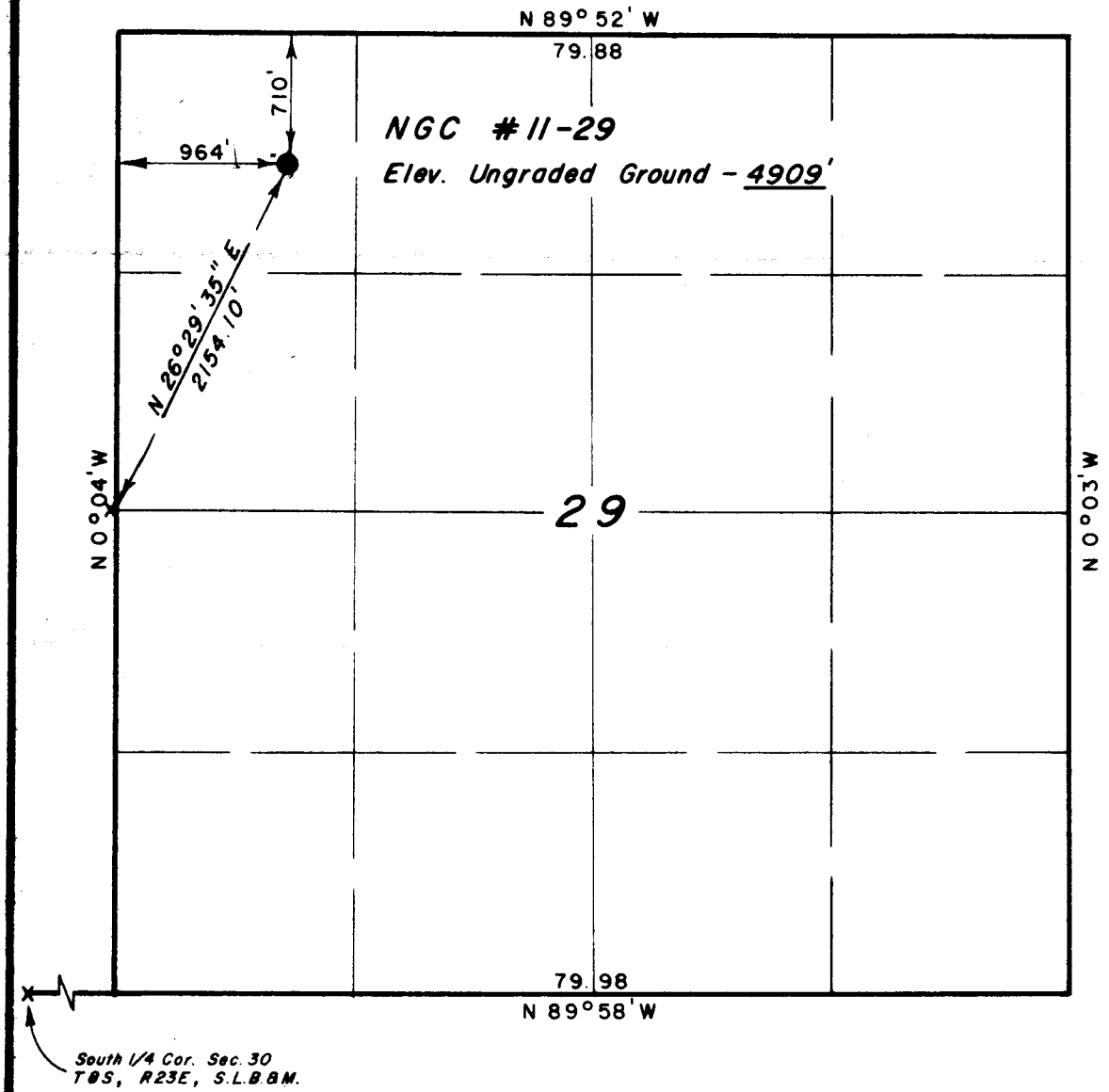
*See Instructions On Reverse Side

PROJECT

NATURAL GAS CORP. OF CALIFORNIA

Well location, *NGC #11-29*,
located as shown in the NW1/4 NW1/4
Section 29, T8S, R23E, S.L.B. & M.
Uintah County, Utah.

T 8 S, R 23 E, S.L.B. & M.



X = Section Corners Located

RECEIVED
DEC 30 1980
DIVISION OF
OIL, GAS & MINING

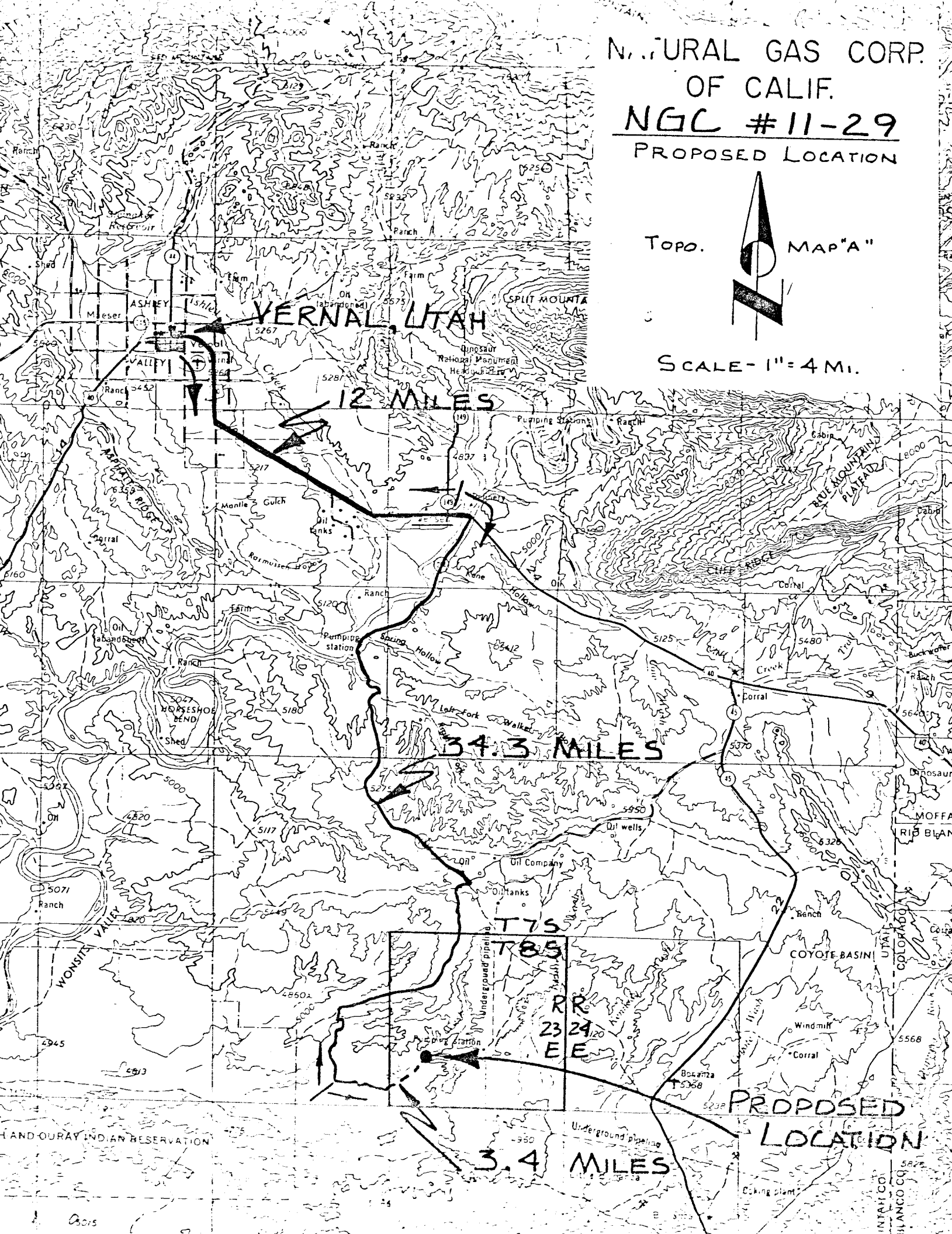
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12 / 17 / 80
PARTY DA DK AC	REFERENCES GLO Plat
WEATHER Fair	FILE NATURAL GAS CORP OF CALIF.


NATURAL GAS CORP. OF CALIF.
NGC #11-29
PROPOSED LOCATION
TOPO. MAP "A"
SCALE - 1" = 4 MI.
VERNAL, UTAH
12 MILES
34.3 MILES
3.4 MILES
PROPOSED LOCATION
T7S
T8S
R23E
R24E
ASHLEY
SPLIT MOUNTAIN
Dinosaur National Monument Headquarters
Pumping Station
Cabin
BLUE MOUNTAIN PLATEAU
CHEP RIDGE
Mantle Gulch
Rasmussen Hollow
Kane Hollow
Spring Hollow
Left Fork Walker Draw
HORSESHOE BEND
WONSITS VALLEY
COYOTE BASIN
Oil wells
Oil Company
Oil tanks
Windmill
Corral
Ranch
Underground pipeline
Spring Creek
Bonanza
Coking plant
UTAH
COLORADO

Identification CER/EA No. 217-81

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California

Project Type Gas Well

Project Location 710' FNL 964' FWL Section 29, T. 8S, R. 23E.

Well No. 11-29 Lease No. U-36483

Date Project Submitted March 5, 1981

FIELD INSPECTION Date March 30, 1981

Field Inspection Participants

Greg Darlington	USGS, Vernal
Ron Rogers	BLM, Vernal
Bill Ryan	NGCC
Rick Canterbury	NGCC
Leonard Heeney	Ross Construction

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

April 2, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

4/7/81
Date

District Supervisor

Typing In 4-2-81 Typing Out 4-2-81

PROPOSED ACTION:

Natural Gas Corporation of California proposes to drill the #11-29 well, a 10,600' gas test of the Mesaverde and Castlegate formations. About 1.0 miles of jeep trail would be upgraded to, and 2.4 miles of new access road would be constructed to an 18' crown road with drainage ditches where required to handle runoff adequately. A pad 175' by 325' and a reserve pit 100' by 150' are proposed for the location. A berm will be placed at the north corner of the pad to keep runoff off the pad. About 7.0 acres of new surface disturbance will be involved. This well is an obligation well for the Sand Ridge Unit II Area which is a proposed expansion of the Sand Ridge Unit.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: March 30, 1981

Well No.: 11-29

Lease No.: U-36483

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: 1.3 miles of public road - right of way is really just a jeep trail. Berm on North corner of pad to maintain drainage channel rather than allow it to shortcut across pad. .3 Miles of the jeep trail would be rerouted so APD should be 1.0 miles jeep trail 2.4 miles new access.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

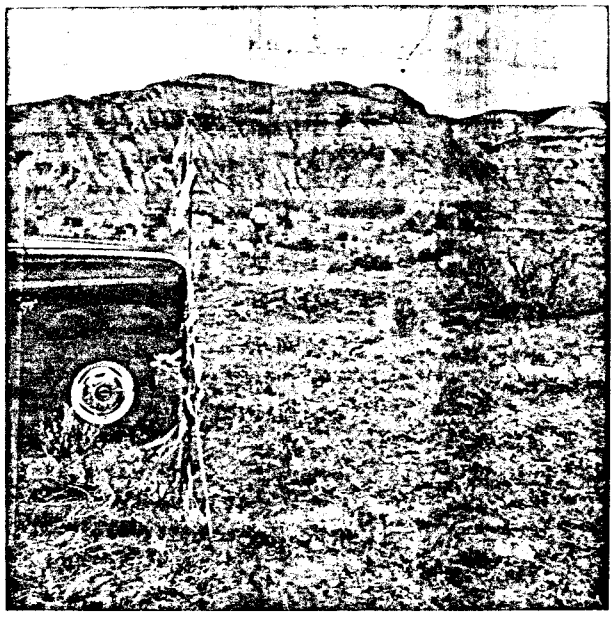
Comments and special conditions of approval discussed at onsite: (include local topography) Several sandy places along access road. Had to go into 4 wheel drive to get through. While at the onsite a 1-2 inch snow storm went through just about 5 miles North of the location but nothing fell on the location. The existing jeep trail would be rerouted around one steep hill where it is quite sandy and about a 20% grade. I think this is indicated on the APD Map. They may want to drill this one in about 3-6 weeks from now before sending a rig into the Bookcliffs Winter Restricted area. Please expedite.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency: Correspondence (date)	Federal/State Agency: Phone check (date)	Federal/State Agency: Meeting (date)	Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
1. Public health and safety							1, 2, 4, 6	3-30-81	
2. Unique characteristics							1, 2, 4, 6	3-30	
3. Environmentally controversial							1, 2, 4, 6	3-30	
4. Uncertain and unknown risks							1, 2, 4, 6	3-30	
5. Establishes precedents							1, 2, 4, 6	3-30	
6. Cumulatively significant							1, 2, 4, 6	3-30	
7. National Register historic places							1, 6	3-30	
8. Endangered/ threatened species							1, 6	3-30	
9. Violate Federal, State, local, tribal law							1, 2, 4, 6	3-30	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. USGS conditions of approval.



Northwest View
NGCC 11-29

3-30

Southeast View
NGCC 11-29

3-30

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-36483

OPERATOR: Natural Gas Corp. of California WELL NO. 11-29

LOCATION: SE¼ NW¼ NW¼ sec. 29, T. 8S, R. 23E., SLM

Uintah County, Utah

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1. Stratigraphy:

Uintah	surface
Green River	1895'
Wasatch	4710'
Mesaverde	7890'
Castlegate	10,320'
Mancos	10,535'
TD	10,600'

2. Fresh Water:

Fresh water may be present in the Uintah and uppermost Green River sandstones.

3. Leasable Minerals:

Oil Shale: Green River. The Mahogany zone should occur at ~2800'.

Saline minerals: Green River. These may occur in a 500' to 800' rock interval immediately overlying the Mahogany.

Oil/Gas: Green River to Mancos

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. Wood Date: 4-4-81

NATURAL GAS CORP. OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

N.G.C. #11-29

Located In

Section 29, T8S, R23E, S.L.B.& M.

Uintah County, Utah

NATURAL GAS CORP. OF CALIFORNIA
N.G.C. #11-29
Section 29, T8S, R23E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach NATURAL GAS CORP. OF CALIFORNIA well location N.G.C. #11-29, located in the NW¼ NW¼ Section 29, T8S, R23E, S.L.B.& M., Uintah, County, Utah:

Proceed East from Vernal, Utah along U.S. Highway 40 - 13 miles to its junction with Utah State Highway 245 to the South; proceed in a Southerly direction along Utah State Highway 245 ± 17.6 miles to Red Wash, Utah; proceed Westerly from Red Wash, Utah on a Uintah County road ± 16.7 miles to the junction of this road and an existing dirt road to the East; proceed Easterly along this road - 1.3 miles to its junction with the proposed access road. (To be discussed in Item #2).

The Highways mentioned above are bituminous surfaced roads from Vernal, Utah to Red Wash, Utah. The County road is a dirt road constructed from the materials that were accumulated during its construction. The Highways are maintained by Utah State road crews, the County road is maintained by Uintah County forces. There will be no construction or maintenance required along the above described roads. They will meet the standards required for the drilling of this well.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SW¼ NE¼ Section 36, T8S, R22, S.L.B.& M. and proceeds in a Northeasterly direction approximatley 2.1 miles to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced.

There will be one culvert required along this access road. It will be installed according to specifications for culvert placement found in the Oil & Gas Surface Operations Manual.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

2. PLANNED ACCESS ROAD - cont...

There are no fences encountered along this access road. There will be no gates or cattleguards required.

All lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

There are no known water wells, producing wells, abandoned wells, disposal wells, drilling wells, shut-in wells, injection, monitoring or observation wells, for other resources within a one-mile radius of this location site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no existing batteries, production facilities, gas gathering lines, injection lines or disposal lines within a one-mile radius of this location site belonging to NATURAL GAS CORPORATION OF CALIFORNIA.

In the event that production of oil from this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities if deemed necessary by the controlling agencies involved.

In the event that the production of natural gas is established then the necessary arrangements for a gas flow line will be made.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Item #7 and #10 and these requirements will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "A".

The anticipated water supply for this location is from the White River in Section 17, T9S, R22E, S.L.B.& M. and will be hauled by truck the 9.0 $\pm$ miles over existing roads and the proposed access road.

5. LOCATION AND TYPE OF WATER SUPPLY - cont...

If this water sources is not available, then the necessary arrangements will be made to acquire the water needed for the drilling and production of this well and all agencies involved will be notified of any changes.

All regulation and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

All appropriate permits will be acquired and submitted to the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site shall be borrow materials accumulated during construction of the location site. No additional road gravels or pits lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. MEHTODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One-half of the reserve pit will be used as fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemcials produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Landfill

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representative of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location layout Sheet & Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activitie shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access road will be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The terrain of the general area slopes from the rim of the Book Cliff Mountains to the South to the Uinta Mountains to the North and is a portion of the East Tavaputs Plateau.

11. OTHER INFORMATION - cont...

The area is interlaced with numerous ridges and canyons formed by non-perennial streams and washes. The sides of the hills and canyons are rather steep and outcrops of sandstones, conglomerates, and shale deposits, are common in the area forming ledges and cliffs along the sides of the canyons.

The visible geologic structures in the area are of the Tuscher formation Tertiary Period and the Wasatch Formation also of the Tertiary Period.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rainstorms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

The topsoil in the area ranges from a sandy-clay (SM-ML) type soil to clayey (OL) type soil.

Due to the precipitation average, climate condition and the types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in, and consists of juniper, and pinion pine trees, sage-brush, scrub oak, shadscale, and bitterbrush, and some grasses and cacti as the primary flora.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, rabbits and varieties of small ground squirrels and other types of rodents and various forms of reptiles.

The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B".

The proposed location sits on a relatively flat area in the bottom of Red Wash.

The visible structure of the location is of the Tuscher Formation and consists of brownish-gray sandy-clay (SP-PL) with some shale outcrops.

The ground slopes through the location to the Southeast at approximately a 2% grade.

The location is covered with sagebrush, and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

NATURAL GAS CORP. OF CALIFORNIA
N.G.C. #11-29
Section 29, T8S, R23E, S.L.B.& M.

11. OTHER INFORMATION - cont...

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

R.J. Firth
85 South 200 East
Vernal, UT 84078

1-801-789-4573

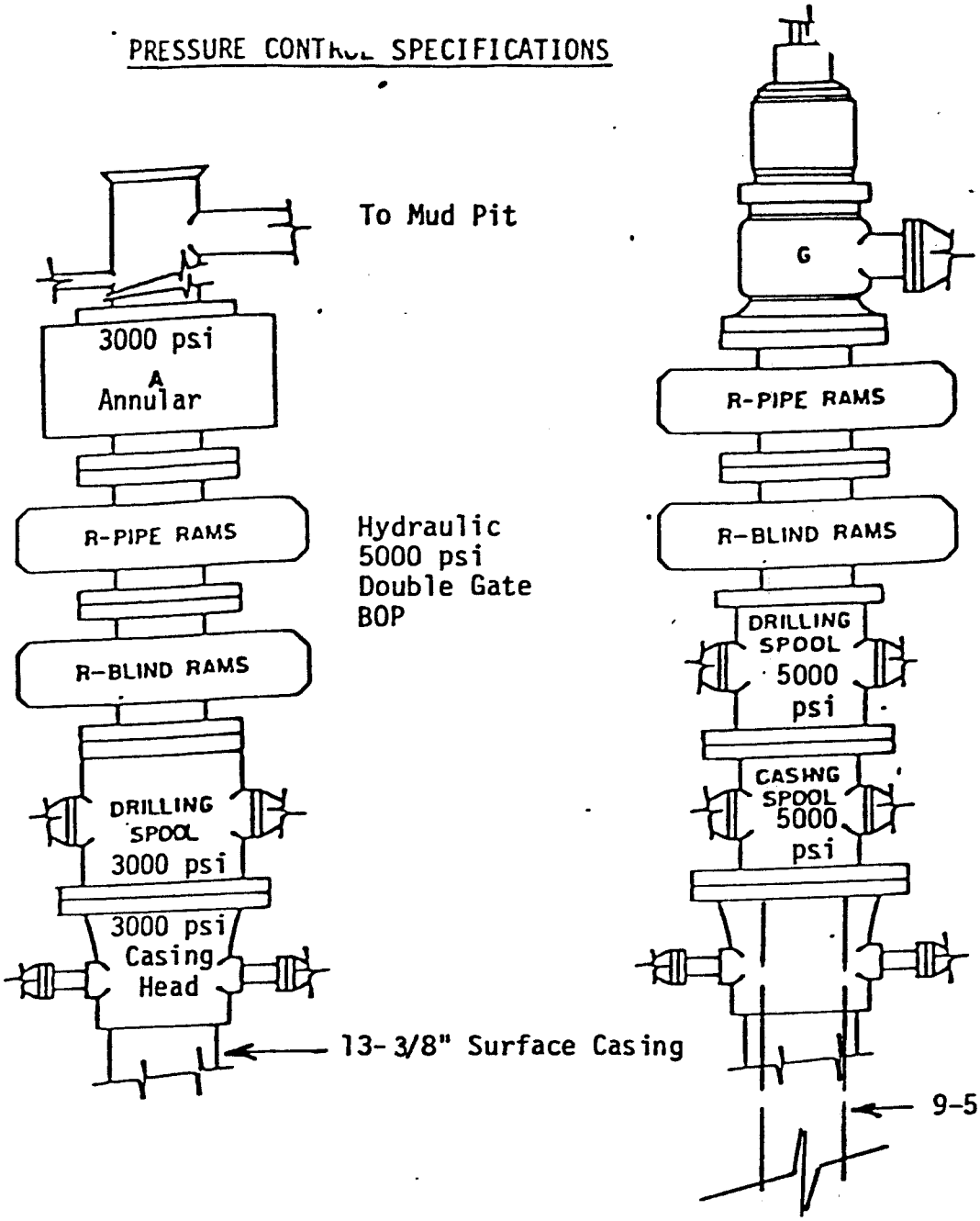
13. CERTIFICATION

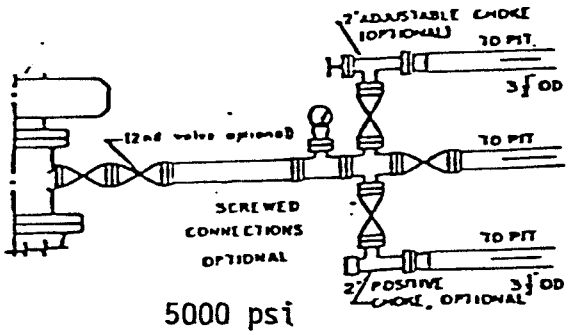
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; tha I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by the NATURAL GAS CORP. OF CALIFORNIA its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

Dec 26, 1980
DATE

R.J. Firth

PRESSURE CONTROL SPECIFICATIONS





5000 psi

CHOKE-MANIFOLD DESIGN

TEST SCHEDULE

12" BOP System & Choke Manifold to 2500 psi. 13-3/8" and 9-5/8" casing to rated pressure prior to drilling shoe.

Auxiliary Equipment

Lower kelly cock, full opening stabbing valve, drillpipe float above bit, rotating drilling head and other accessary air drilling equipment.

Natural Gas Corporation of California
South Red Wash #11-29
10 Point Drilling Procedure

1. Surface formation: Uintah

2. Estimated formation tops:

	Elevation	Datum
Uintah	Surface	+4921' KB
Green River	1896'	+3025'
Wasatch	4711'	+ 210'
Mesaverde	7893'	-2972'
Castlegate	10,321'	-5400'
Mancos	10,534'	-5613'
TD	10,600'	-5679'

3. Anticipated producing formations: Mesaverde and Castlegate.

4. Proposed casing program:

	Hole Size	Casing Size	Weight/ft.	Setting Depth	Casing New/Used
Surface	17-1/2"	13-3/8"	48#	200'	New
Intermediate	12-1/2"	9-5/8"	36# K-55	2500'	New
Production	7-7/8"	4-1/2"	11.6#, N-80	TD	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud program will be fresh water base drilling mud from below surface casing to intermediate casing setting depth and a salt water mud system from below intermediate to total depth. Ample amount of weighting material will be maintained on location for emergencies.

Interval ft.	Mud Weight lbs./gal.	Viscosity sec./qt.	Fluid Loss ML/30 mins.	Mud Type
0-200	Air			
200-2500	8.4 - 8.8	27 - 29	No Control	Fresh water
2500-TD	9.0 - 10.5	27 - 34	12 - 20 cc	Salt water

7. Auxiliary equipment will include (1) upper kelly cock, (2) full opening stabbing valve, (3) 3000 psi choke manifold, (4) degasser.

8. Testing, Coring, Sampling and Logging:
   a) Testing: Drillstem tests will be conducted on all significant hydrocarbon shows.
   b) Coring: No coring is anticipated at this time.
   c) Sampling: Two sets of cutting samples will be collected by the drilling contractor at 10' intervals from the base of the surface casing to the base of the Green River shale. The second sample will be sent to the Bureau of Mines, Laramie, Wyoming. Below the shale one sample will be taken at 10' intervals to TD.
   d) Logging: 200-2500 Dual Induction-SFL, Borehole Compensated Sonic and Compensated Formation Density-Neutron log.
   2500-TD Dual Induction Laterolog, Borehole Compensated Sonic and Compensated Formation Density-Neutron log.

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.

10. Drilling schedule: Drilling will commence upon receipt of approval.
Duration of operations - 30 days.

T&R
U-802

Vernal District Office
170 South 500 East
Vernal, Utah 84078

April 1, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, UT 84104

Re: Natural Gas Corp. of California
Well #11-29, U-36483
Sec. 29, T8S, R23E,
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was made on March 30, 1981 of the above referenced well site location and proposed access road. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the brochure, "Surface Operation Standards of Oil and Gas Exploration and Development".

2. Traveling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required. Roads are to be crowned and bar ditched where needed.

3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plan. The BLM recommends that at least the top 12 inches of topsoil materials be stockpiled at the well site.

4. The BLM must be contacted at least 24 hours prior to any construction activities.

5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.

6. In the event that oil storage tanks are used, earth dikes will be built around the tanks in order to contain accidental spills. The height of the dikes will be sufficient to contain the entire contents of the tanks.

7. A wire mesh or web type fence will be used around the reserve pits. At least two strands of barbed wire will top this fence.

8. The reserve pits will have at least four feet of their depths below natural ground level.

9. Production facilities will be painted with colors which blend in with the natural background. Various earth tones can accomplish this.

10. Instead of culverts, low water crossings will be used to cross the Red Wash drainage.

11. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained and hauled to an approved disposal site. Litter along access roads will be collected and disposed of properly.

An archaeological study has bee conducted. No cultural resources were located at the proposed site.

The proposed activities do not jeopardize listed, threatened, or endanagered flora, fauna, or their habitats.

The BLM representative will be Ron Rogers, 789-1362.

Sincerely,

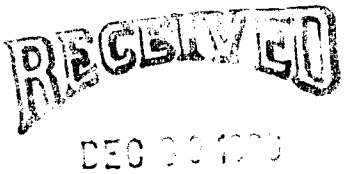
Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078

December 26, 1980



Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: Proposed NGC #11-29 Federal
NW NW Section 29, T8S, R23E
Uintah County, Utah

Gentlemen:

Enclosed are the following documents relating to drilling the above captioned well:

1) Application for Permit to Drill
2) Surveyor's Plat
3) Designation of Operator
4) Ten Point Drilling Procedure
5) BOP and Pressure Control Specifications
6) Location Layout Map
7) 13 Point Surface Use Plan
8) Topographic Maps "A" and "B"

Your early consideration and approval of this application would be appreciated. Should you require any additional information, please contact this office.

Yours truly,

Wm Ryan

W. A. Ryan
Petroleum Engineer

kh

Encls.

cc: E. J. Gelwick
C. T. Clark
E. R. Henry

Form 9-1123
(Rev. Dec. 1967)

(Submit in licate to appropriate
Regional Oil and Gas or Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

RECEIVED
DEC 30 1980
DIVISION OF
OIL, GAS & MINING

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-36483

and hereby designates

NAME: Natural Gas Corporation of California
ADDRESS: 717 17th Street-Suite 2300
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 8 South, Range 23 East, SLM
Section 29: NW¼NE¼, S½NE¼, NW¼, S½
Section 30: All

1,228.48 acres, m/l
Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

By: _____

PACIFIC TRANSMISSION SUPPLY COMPANY

By: C. T. Clark
(Signature of lessee)
C. T. Clark, Jr. - Attorney-in-Fact

December 18, 1980
(Date)

717 17th Street - Ste. 2300, Denver, Co. 80202
(Address)

U.S. GOVERNMENT PRINTING OFFICE : 1978 O - 277-141

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT IS FILLED IN U-46500 AND SUCH. AUTHORITY IS STILL IN EFFECT.

323-9382-00

Form 9-1123
(Nov. Dec. 1967)

(Submit in triplicate to appropriate
Regional Oil or Gas or Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-36483

and hereby designates

NAME: Natural Gas Corporation of California
ADDRESS: 717 17th Street-Suite 2300
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 8 South, Range 23 East, SLM
Section 29: NW¼NE¼, S½NE¼, NW¼, S½
Section 30: All

1,228.48 acres, m/l
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In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

By: _____

12-19-80
(Date)

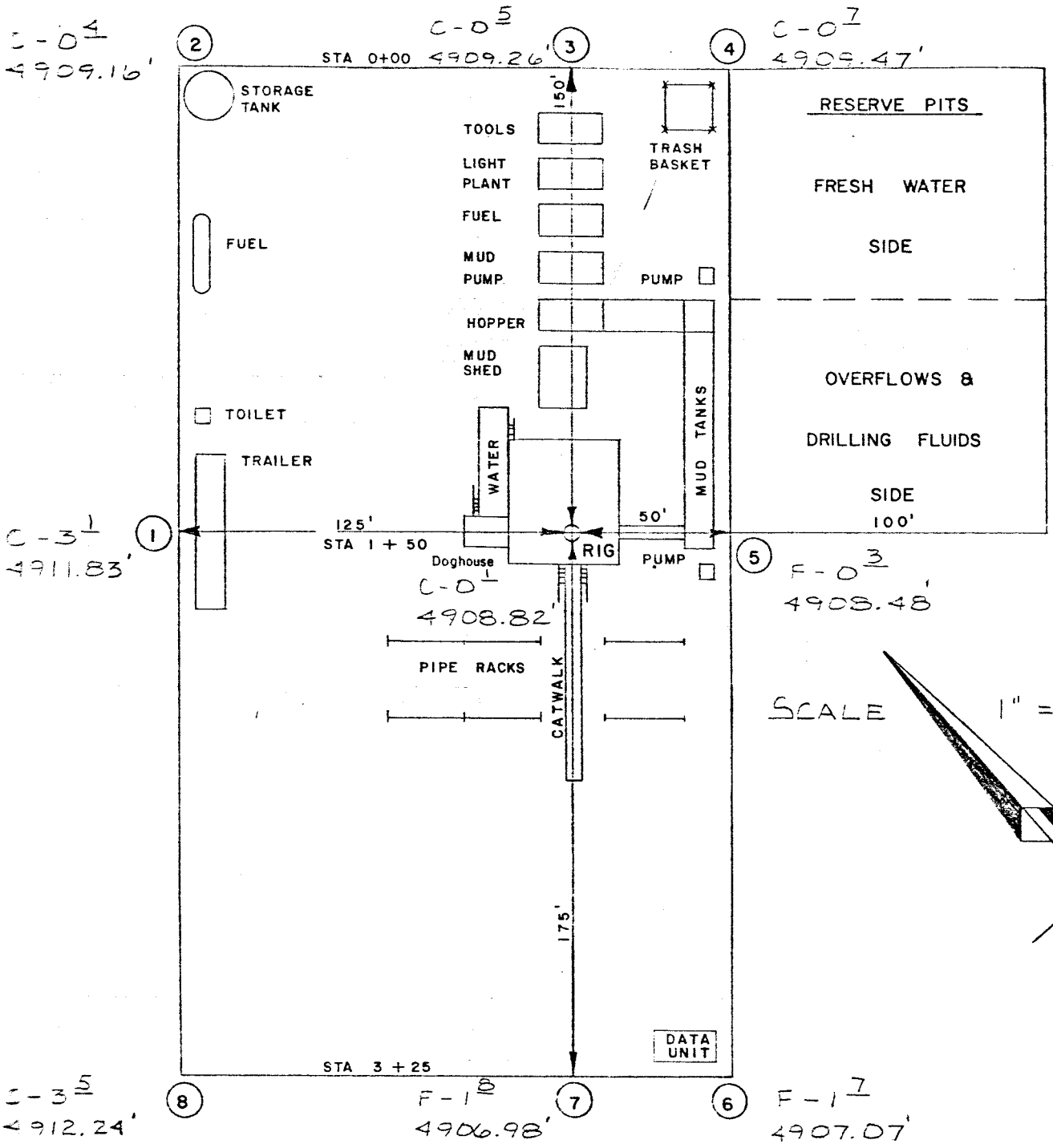
RAYMOND CHORNEY

By: _____
(Signature of lessee)

401 Lincoln Tower Building
1860 Lincoln Street
Denver, CO 80295
(Address)

U.S. GOVERNMENT PRINTING OFFICE : 1978 O - 277-141

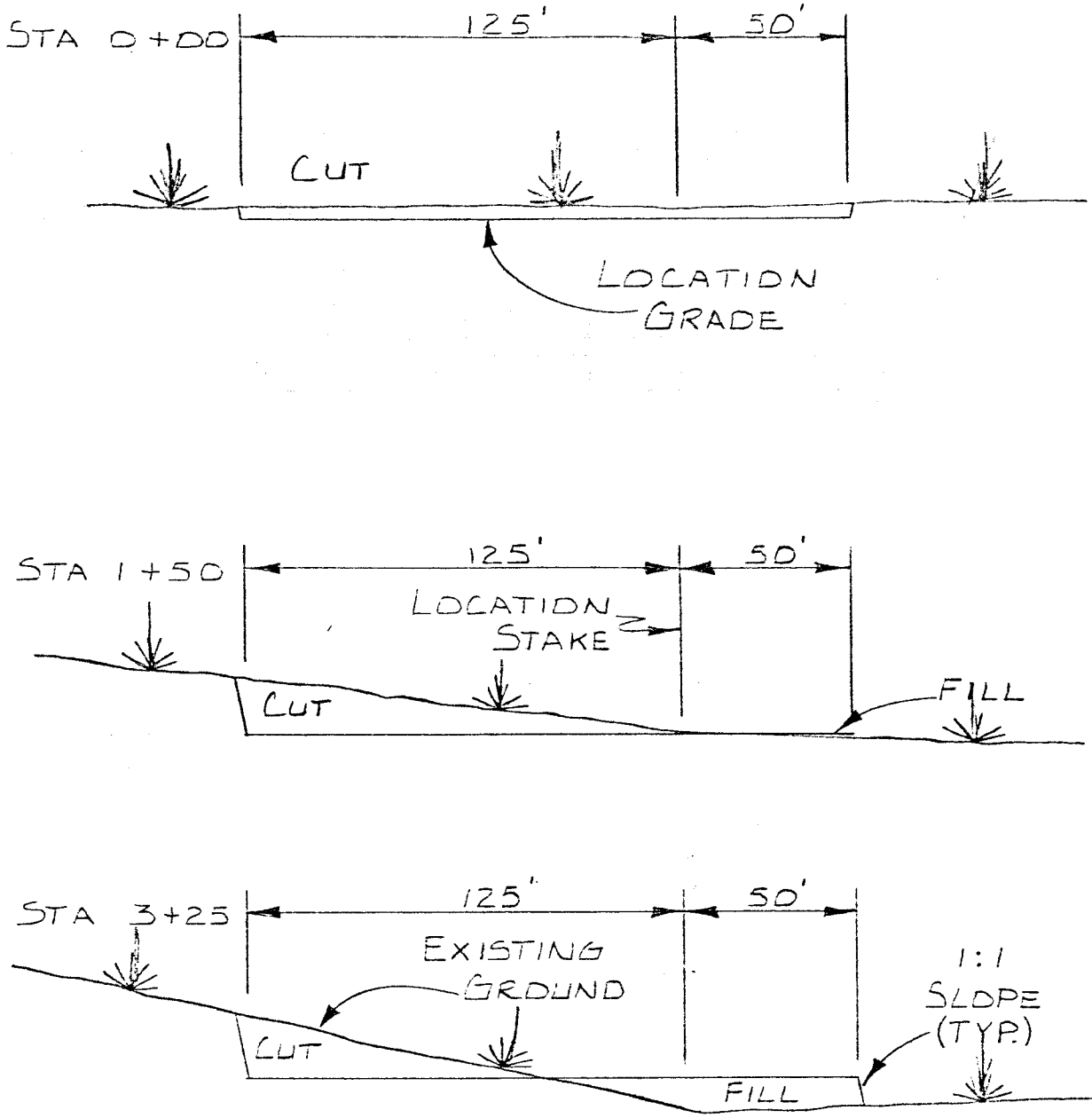
323-9382-00


C-0 4
4909.16'
2
C-0 5
STA 0+00 4909.26'
3
C-0 7
4908.47'
4
STORAGE TANK
150'
TOOLS
LIGHT PLANT
FUEL
MUD PUMP
TRASH BASKET
RESERVE PITS
FRESH WATER SIDE
FUEL
PUMP
HOPPER
MUD SHED
OVERFLOWS & DRILLING FLUIDS SIDE
100'
TOILET
TRAILER
WATER
MUD TANKS
C-3 1
4911.83'
1
125'
STA 1+50
50'
RIG
PUMP
Doghouse
5
F-0 3
4908.48'
C-0 1
4908.82'
PIPE RACKS
CATWALK
SCALE 1" = 50'
175'
DATA UNIT
STA 3+25
C-3 5
4912.24'
8
F-1 8
4906.98'
7
6
F-1 7
4907.07'
TOPSOIL STOCKPILE
SOILS LITHOLOGY
— No Scale —
Light Br
Sandy Cl

NATURAL GAS CORP. OF CALIF.

NGC # 11-29

CROSS SECTIONS



ND EAST

1" = 10'

SCALES

1" = 50'

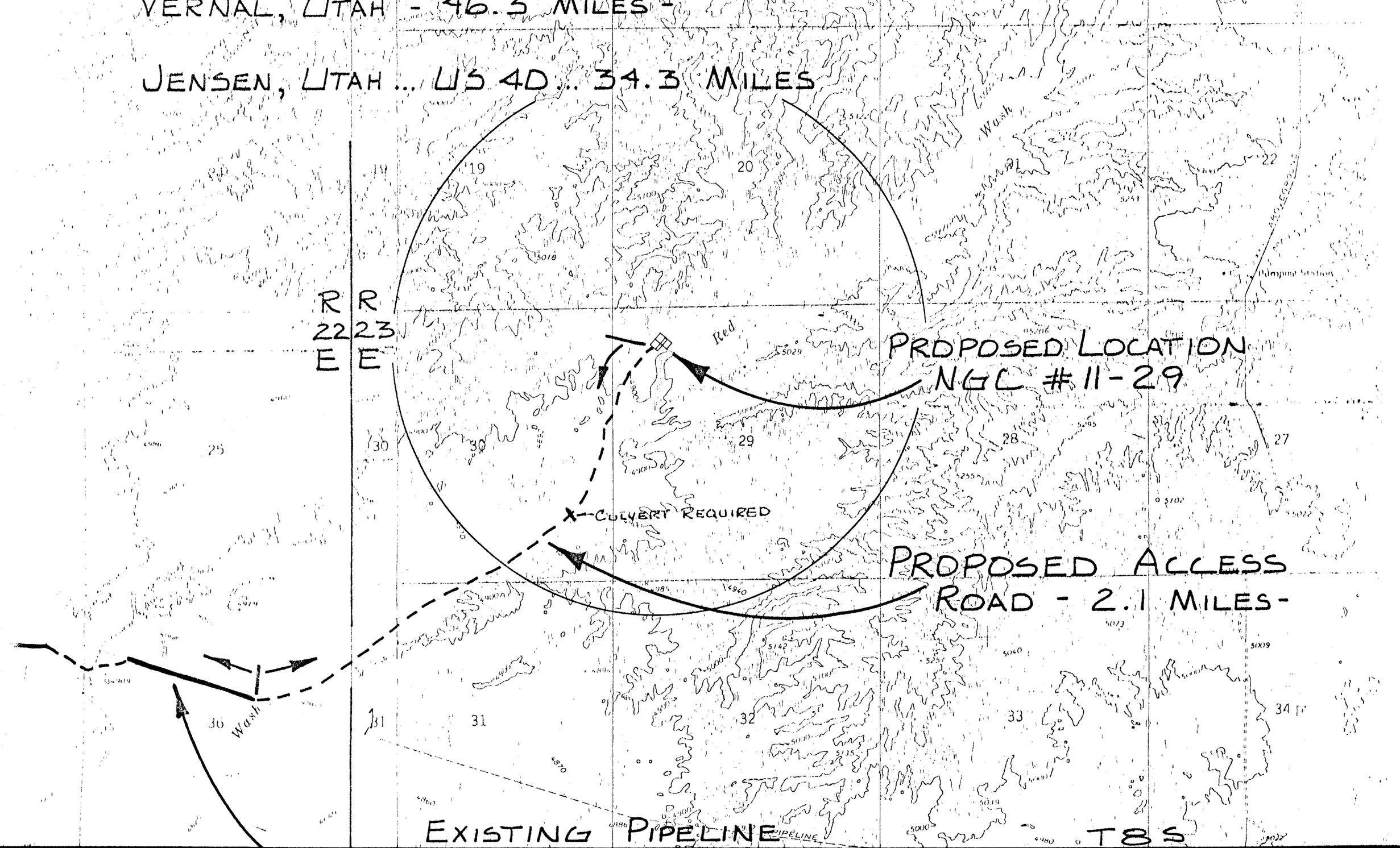
APPROXIMATE YARDAGES

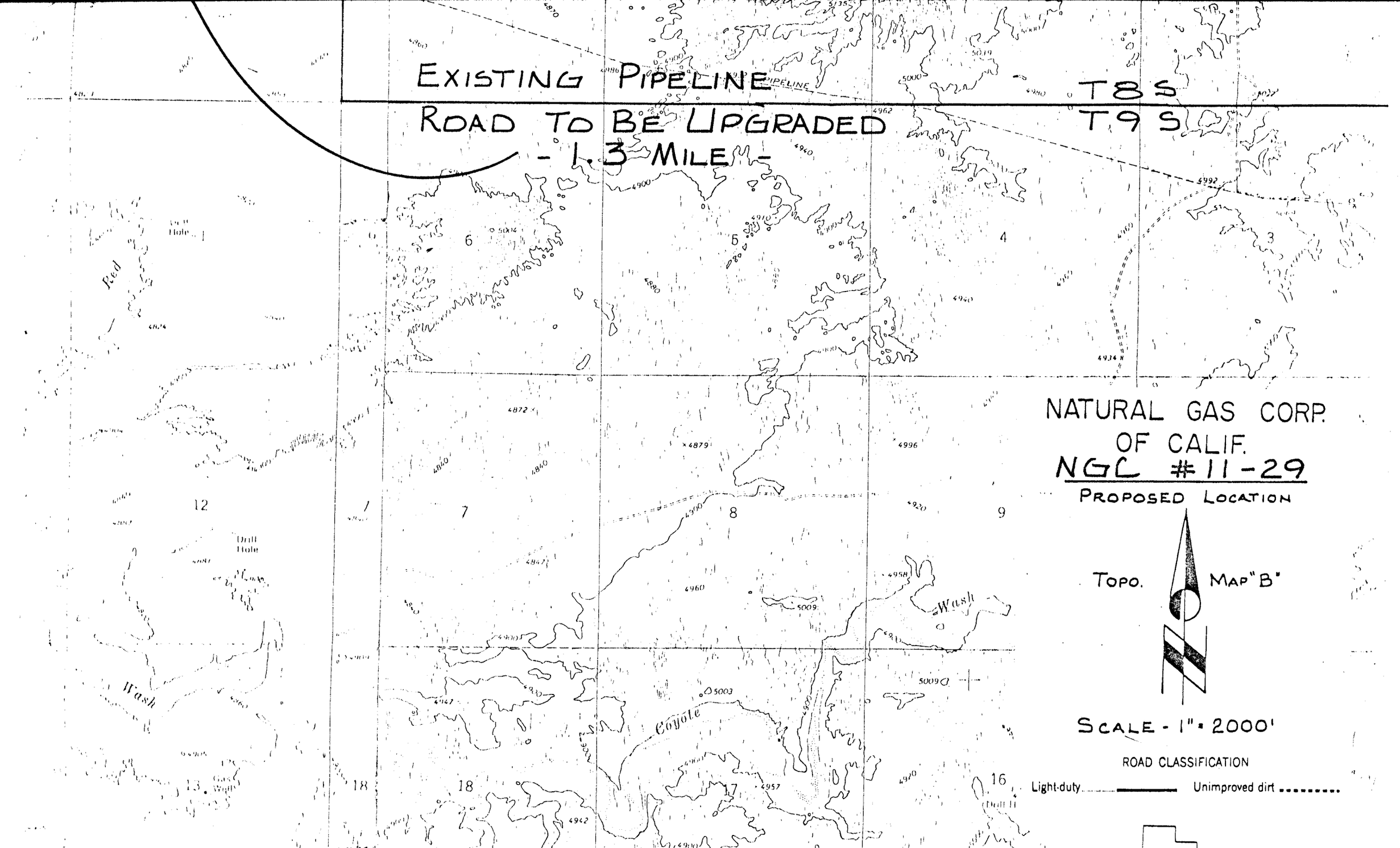
Cubic Yards of Cut — 1984

Cubic Yards of Fill — 427

VERNAL, UTAH - 46.3 MILES -

JENSEN, UTAH ... US 40 ... 34.3 MILES




EXISTING PIPELINE
ROAD TO BE UPGRADED
- 1.3 MILE -
T8S
T9S
NATURAL GAS CORP.
OF CALIF.
NGL #11-29
PROPOSED LOCATION
TOPO. MAP "B"
SCALE - 1" = 2000'
ROAD CLASSIFICATION
Light-duty
Unimproved dirt
Red Wash
Drill Hole
Coyote Wash
PIPELINE

** FILE NOTATIONS **

DATE: January 2, 1981

OPERATOR: Natural Gas Corp of Ca.

WELL NO: Federal 11-29

Location: Sec. 29 T. 8S R. 23E County: Uintah

File Prepared: ☐ Entered on N.I.D: ☐

Card Indexed: ☐ Completion Sheet: ☐

API Number 43-047-30858

CHECKED BY:

Petroleum Engineer: _____

Director: OK Topo exception under rule c-3(c) provided letter to follow

Administrative Aide: C-3(c)

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐

Order No. _____ O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☑

Lease Designation Fed ☑ Plotted on Map ☑

Approval Letter Written ☑

Hot Line ☑ P.I. ☑

January 9, 1981

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: Well No. Federal 11-29
Sec. 29, T. 8S, R. 23E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter stating the reason for this topographical exception be submitted to this office, and that Natural Gas Corporation owns or controls acreage within a 660' radius of proposed site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (Acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30858.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight/ko

Cleon B. Feight
Director

/ko
cc: USGS

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Telephone 801-789-4573
85 S. 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FNL, 964' FWL, NW NW Sec. 29, T8S, R23E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-36483

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T8S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4909' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other) Supplement to 13 Point Plan			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Supplemental to 13 Point Plan concerning off lease right-of-way. Only portion of access road off lease will be in Section 35, 36, T8S, R22E, and Section 31, T8S, R23E, approximately 2.5 miles.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

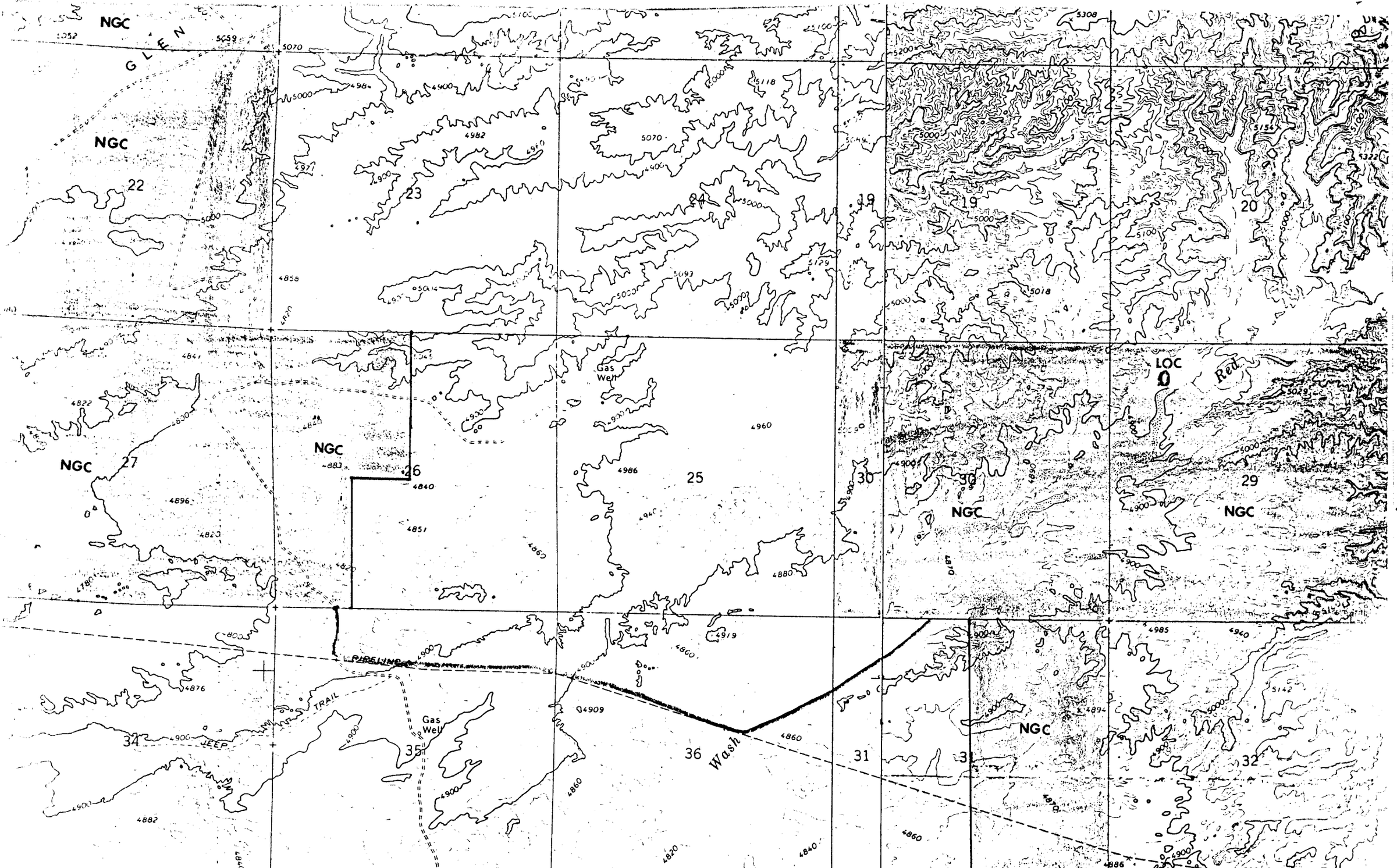
SIGNED R.D. Bethlefsen R. D. Bethlefsen TITLE Office Supervisor DATE January 27, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; UT Div. OG&M; E. J. Gelwick; E. R. Henry; C. T. Clark

*See Instructions on Reverse Side


GLEN
NGC
22
23
24
19
20
Gas Well
LOC
Red
27
26
25
30
29
PIPELINE
TRAIL
JEEP
Gas Well
35
36
Wash
31
32

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

January 31, 1981

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: NGC #11-29 Federal
NW NW Section 29, T8S, R23E
Uintah County, Utah

Gentlemen:

Enclosed are copies of Form 9-330, Sundry Notices and Reports on Wells, Supplement to 13 Point Plan for the above captioned well.

Sincerely,

R. D. Dethlefsen
Office Supervisor

/kh

Encls.

cc: E. J. Gelwick
C. T. Clark
E. R. Henry

9

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Natural Gas Corp. of California

WELL NAME: 11-29

SECTION 29 NW NW TOWNSHIP 8S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Olsen

RIG # 2

API #43 047 30858

SPUDDED: DATE 5-20-81

TIME 4:00 p.m.

HOW rotary

DRILLING WILL COMMENCE _____

REPORTED BY _____

TELEPHONE # _____

DATE 5-22-81 SIGNED Linda

Form 9–331
Dec. 1973

Form Approved.
Budget Bureau No. 42–R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Tele. 801-789-4573
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FNL, 964' FWL, NW NW
AT TOP PROD. INTERVAL: Sec. 29, T8S, R23E
AT TOTAL DEPTH:

5. LEASE
U-36483

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Sand Ridge II

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T8S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30858

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4909' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other) Report Spud Date			X

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports well #11-29 was spudded at 4 p.m. on 5/20/81.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Wm Ryan TITLE Petroleum Engr. DATE May 22, 1981
W. A. Ryan

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; UT Div. OG&M; DeGolyer; Chorney; Operations; ERHenry; C. T. Clark

*See Instructions on Reverse Side

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078

May 22, 1981

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Mr. Sam Boltz, Jr.
Chorney Oil Company
401 Lincoln Tower Bldg.
Denver, CO 80295

Re: NGC #11-29 Federal
NW NW Section 29, T8S, R23E
Uintah County, Utah

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells, Subsequent Report of the Spud Date, for the above referenced well.

Sincerely,

Wm Ryan

Wm. A. Ryan
Petroleum Engineer

/kh

Enclr.

cc: Operations Supt.
C. T. Clark
E. R. Henry

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-36483

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

7. UNIT AGREEMENT NAME: Sand Ridge II

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: Natural Gas Corporation of California

9. WELL NO.: 11-29

3. ADDRESS OF OPERATOR: 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 710' FNL, 964' FWL, NW NW
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 29, T8S, R23E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-30858	1-6-81	Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
5/20/81	6/27/81	P & A 6/30/81	4909' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
10,600'			→	0 - TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Ind. Lat., Borehole Comp. Sonic, Comp. Form Dens-Neut. Log

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, K-55	2780'	12-1/4"	950 sacks to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
P & A 6/30/81		P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Geological Report to follow.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Wm A Ryan (Wm. A. Ryan) TITLE Petroleum Engineer DATE July 15, 1981

*(See Instructions and Spaces for Additional Data on Reverse Side)

cc: USGS; Div.OG&M; DeGolyer; Chorney; RBEdmundson; Operations Supt.; CTClark; ERHenry; JLangman; RBoschee; JMKunz; KEReed; TWong

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Uintah	Surface	
Green River	4740'	
Wasatch	4795'	
Mesaverde	7585'	
C. Nestlen	9105'	
Sego SS	9780'	
Castlegate	10,172'	
Mancos	10,400'	
TD		

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 16, 1981

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, UT 84116

Mr. R. B. Edmundson
P.O. Box 1707
Denver, CO 80201

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Mr. Sam Boltz, Jr.
Chorney Oil Company
401 Lincoln Tower Bldg.
Denver, CO 80295

Re: NGC #11-29 Federal
NW NW Section 29, T8S, R23E
Uintah County, Utah
Sand Ridge II Unit

Gentlemen:

Enclosed are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the above captioned well.

Sincerely,

Wm. A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations Supt.
C. T. Clark
E. R. Henry
J. Langman
R. Boschee
J. M. Kunz
K. E. Reed
T. Wong

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FNL, 964' FWL, NW NW
AT TOP PROD. INTERVAL: Section 29, T8S, R23E
AT TOTAL DEPTH:

5. LEASE
U-36483

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Sand Ridge II

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 29, T8S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30858

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4909' FR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☒	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled well to 10,600' and conducted electric logging operations. Propose to equalize abandonment cement plugs as follows:

Plug no. 1	7800-8000	75 sacks cement
Plug no. 2	4700-4900	75 sacks cement
Plug no. 3	2600-2800	75 sacks cement
Plug no. 4	@ surface	25 sacks cement

Regulation dry hole marker will be erected. The location site will be cleaned, restored, and rehabilitated in conformance with the surface use plan. Verbal approval to proceed with abandonment procedures as described above received from Mr. Raffoul, June 29, 1981.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. D. Dethlefsen TITLE Office Supervisor DATE June 29, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 7/21/81
CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; DeGolyer; Chorney; Operations Supt.; C. T. Clark; E. R. Henry

*See Instructions on Reverse Side

July 31, 1981

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: Well No. Sand Ridge II Federal 11-29
Sec. 29, T. 8S, R. 23E
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 7-15-81, from above referred to well indicates the following electric logs were run: Dual Ind. Lat., Borehole Comp. Sonic, Comp. Form Dens-Neut. Log. As of todays date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
Clerk-Typist

/lm

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FNL and 964' FWL (NW NW)
AT TOP PROD. INTERVAL: Sec. 29, T.8S., R.23E.
AT TOTAL DEPTH:

5. LEASE
U-[illegible]483 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Sand Ridge II

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-29

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T.8S., R.23E.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30858

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4909' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☒ ✓
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator has set a dry hole marker. The location and road have been recontoured and seeded in accordance with the Surface Use Plan. The site will be ready for inspection in the Spring of 1984. ✓

RECEIVED
JAN 20 1984
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE Associate Engr. DATE January 17, 1984
Rick Canterbury

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: (3) BLM/Vernal; (1) BLM/SLC; Chorney; Operations; Land; ERHenry; SFurtado; Div. OG&M

*See Instructions on Reverse Side